

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1618	385/53,55,58,60,70.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/10 13:02
S2	71	S1 and (fiber near5 butt)	US-PGPUB; USPAT	OR	ON	2005/02/10 13:21
S3	245	S1 and (fiber near5 (slant\$3 angl\$4))	US-PGPUB; USPAT	OR	ON	2005/02/10 13:03
S4	390	S1 and index	US-PGPUB; USPAT	OR	ON	2005/02/10 13:04
S5	286	S1 and (fiber near6 (rotat\$5 twist\$3 revol\$5))	US-PGPUB; USPAT	OR	ON	2005/02/10 13:57
S6	2	S2 and S3 and S4 and S5	US-PGPUB; USPAT	OR	ON	2005/02/10 13:56
S7	3	S2 and S3 and S5	US-PGPUB; USPAT	OR	ON	2005/12/06 14:08
S8	17	S2 and S3	US-PGPUB; USPAT	OR	ON	2005/12/06 14:08
S10	98	S1 and ((coupl\$3 connect\$3) near5 fiber near5 (rotat\$5 twist\$3 revol\$5))	US-PGPUB; USPAT	OR	ON	2005/02/10 13:22
S11	956	S1 and (((coupl\$3 connect\$3) near4 fiber) near6 (align\$4 sleeve tube ferrule))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/10 13:50
S12	122	S1 and butt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/10 13:50
S13	245	S1 and (fiber near5 (angl\$3 slant\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/10 13:51
S14	25	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/10 13:51
S15	12	S2 and S3 and S4	US-PGPUB; USPAT	OR	ON	2005/02/10 13:56
S16	218	S1 and ((coupl\$3 connect\$3) same (fiber near6 (rotat\$5 twist\$3 revol\$5)))	US-PGPUB; USPAT	OR	ON	2005/02/10 15:17

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*5/4/06*

## EAST Search History

S20	11951	((coupl\$3 connect\$3) same (fiber near6 (rotat\$3 rotation\$2 twist\$3 revol\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 15:06
S21	154	S20 and (first near5 fiber near5 (angl\$4 slant\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 15:29
S22	148	S20 and (second near5 fiber near5 (angl\$4 slant\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 15:08
S23	495	S20 and (align\$3 near6 (sleeve tube barrel ferrule))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 15:16
S24	9	S21 and S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 14:11
S25	211	S20 and (joint near6 (rotat\$3 rotation\$2 twist\$3 revol\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 15:30
S26	2	S21 and S22 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 15:22
S28	62	S21 and S22 and align\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 15:29

## EAST Search History

S29	25955	fiber near5 (angl\$4 slant\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 15:29
S30	1968	fiber near5 (butt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 15:30
S31	354	S29 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 15:30
S32	97	S31 and ((rotat\$3 rotation\$2 twist\$3 revol\$5) near5 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 15:46
S33	0	(fiber near5 butt) near5 rotat\$3 near5 (fiber near5 (slant\$3 angl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 16:21
S34	523	(fiber) near5 rotat\$3 near5 (fiber near5 (slant\$3 angl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 16:22
S35	237	S34 and align\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 16:23
S36	167	S35 and ((connect\$3 coupl\$3) near5 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 16:39

## EAST Search History

S37	899	(connect\$3 coupl\$3) same fiber same (fiber near5 (angl\$3 slant\$3)) same (rotat\$3 rotation\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 16:41
S38	239	S37 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 16:42
S40	168	S38 and align\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 17:18
S42	1773	385/53,55,58,60,70.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/06 14:08
S43	77	S42 and (fiber near5 butt)	US-PGPUB; USPAT	OR	ON	2005/12/06 14:08
S44	273	S42 and (fiber near5 (slant\$3 angl\$4))	US-PGPUB; USPAT	OR	ON	2005/12/06 14:08
S45	318	S42 and (fiber near6 (rotat\$5 twist\$3 revol\$5))	US-PGPUB; USPAT	OR	ON	2005/12/06 14:08
S46	4	S43 and S44 and S45	US-PGPUB; USPAT	OR	ON	2005/12/06 14:08
S47	20	S43 and S44	US-PGPUB; USPAT	OR	ON	2005/12/06 14:08
S48	12902	((coupl\$3 connect\$3) same (fiber near6 (rotat\$3 rotation\$2 twist\$3 revol\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 14:11
S49	171	S48 and (first near5 fiber near5 (angl\$4 slant\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 14:11
S50	164	S48 and (second near5 fiber near5 (angl\$4 slant\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 14:11

## EAST Search History

S51	544	S48 and (align\$3 near6 (sleeve tube barrel ferrule))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 14:11
S52	11	S49 and S50 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 14:11
S53	1855	385/53,55,58,60,70.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/04 13:30
S54	78	S53 and (fiber near5 butt)	US-PGPUB; USPAT	OR	ON	2006/05/04 13:30
S55	287	S53 and (fiber near5 (slant\$3 angl\$4))	US-PGPUB; USPAT	OR	ON	2006/05/04 13:30
S56	448	S53 and index	US-PGPUB; USPAT	OR	ON	2006/05/04 13:30
S57	329	S53 and (fiber near6 (rotat\$5 twist\$3 revol\$5))	US-PGPUB; USPAT	OR	ON	2006/05/04 13:30
S58	3	S54 and S55 and S56 and S57	US-PGPUB; USPAT	OR	ON	2006/05/04 13:30
S59	1	S58 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:34
S60	4	S54 and S55 and S57	US-PGPUB; USPAT	OR	ON	2006/05/04 13:30
S61	1	S60 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:34
S62	20	S54 and S55	US-PGPUB; USPAT	OR	ON	2006/05/04 13:30
S63	3	S62 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:34

## EAST Search History

S64	139	S53 and butt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/04 13:30
S65	287	S53 and (fiber near5 (angl\$3 slant\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/04 13:30
S66	30	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/04 13:30
S67	5	S66 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:35
S68	15	S54 and S55 and S56	US-PGPUB; USPAT	OR	ON	2006/05/04 13:30
S69	3	S68 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:35
S70	13336	((coupl\$3 connect\$3) same (fiber near6 (rotat\$3 rotation\$2 twist\$3 revol\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31
S71	175	S70 and (first near5 fiber near5 (angl\$4 slant\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31
S72	168	S70 and (second near5 fiber near5 (angl\$4 slant\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31

## EAST Search History

S73	563	S70 and (align\$3 near6 (sleeve tube barrel ferrule))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31
S74	11	S71 and S72 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31
S75	2	S74 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:35
S76	231	S70 and (joint near6 (rotat\$3 rotation\$2 twist\$3 revol\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31
S77	4	S71 and S72 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31
S78	2	S77 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:35
S79	68	S71 and S72 and align\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31
S80	6	S79 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:36

## EAST Search History

S81	28600	fiber near5 (angl\$4 slant\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31
S82	2160	fiber near5 (butt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31
S83	393	S81 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31
S84	104	S83 and ((rotat\$3 rotation\$2 twist\$3 revol\$5) near5 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:31
S85	7	S84 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:36
S86	0	(fiber near5 butt) near5 rotat\$3 near5 (fiber near5 (slant\$3 angl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:32
S87	0	S86 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:32
S88	1855	385/53,55,58,60,70.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/04 13:32
S89	78	S88 and (fiber near5 butt)	US-PGPUB; USPAT	OR	ON	2006/05/04 13:32
S90	287	S88 and (fiber near5 (slant\$3 angl\$4))	US-PGPUB; USPAT	OR	ON	2006/05/04 13:32
S91	329	S88 and (fiber near6 (rotat\$5 twist\$3 revol\$5))	US-PGPUB; USPAT	OR	ON	2006/05/04 13:32



## EAST Search History

S92	4	S89 and S90 and S91	US-PGPUB; USPAT	OR	ON	2006/05/04 13:32
S93	1	S92 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:37
S94	20	S89 and S90	US-PGPUB; USPAT	OR	ON	2006/05/04 13:32
S95	3	S94 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:37
S96	13336	((coupl\$3 connect\$3) same (fiber near6 (rotat\$3 rotation\$2 twist\$3 revol\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:32
S97	175	S96 and (first near5 fiber near5 (angl\$4 slant\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:32
S98	168	S96 and (second near5 fiber near5 (angl\$4 slant\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:32
S99	563	S96 and (align\$3 near6 (sleeve tube barrel ferrule))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:32
S10 0	11	S97 and S98 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 13:32

## EAST Search History

S10 1	2	S100 and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:37
S10 2	154650	(fib\$3 waveguide\$1 ferrule\$1) with (rotat\$4 revolv\$3 revoluti\$3 spin\$4 turn\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 14:52
S10 3	80813	(fib\$3 waveguide\$1 ferrule\$1) near4 (rotat\$4 revolv\$3 revoluti\$3 spin\$4 turn\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 14:58
S10 4	1289	S103 and 385/25,50,52,53,76-78, 81,84,85,140.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 14:59
S10 5	26624	((fib\$3 waveguide\$1 ferrule\$1) near4 (rotat\$4 revolv\$3 revoluti\$3 spin\$4 turn\$3)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 14:59
S10 6	251	S105 and 385/25,50,52,53,76-78, 81,84,85,140.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 14:59
S10 7	243	S106 and (@ad<"20040330" @rlad<"20040330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 15:00
S10 8	7	("4717234"   "4878730"   "4893889"   "5050956"   "5066094"   "5136681"   "6062739").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/04 15:22